

# Pro-Tile Bond



## Pre Packed Ready To Use Cementitious Tile Bond.

### Description

**Pro Tile Bond** is a single component, tiling adhesive mortar combining cement with selected grades of silica sand and several chemicals. **Pro Tile Bond** has good bonding and adhesion in different climate and can be used for adhering different kind of tiles, only requires addition of water.

### Recommended Applications

Pro Tile Bond provides the following properties.

- Fixing wide range of tiles
- Excellent bond adhesion
- Better workability
- Better coverage: 7-8 m<sup>2</sup> per 20 kg (based on 2-3mm mortar thickness)

In the following substrates.

- Concrete
- Cementitious plaster
- Solid rock
- Hard and solid masonry

### Features and Benefits

- Extended Open Time up to 30min at 200C.
- Pot life up to 2.5 hours at 200C.
- Initial setting time 6 hours.
- Final setting time starting 8 hours.
- Excellent adhesion to the substrate.
- Low wastage.

### Tests

Approval/Standards:

- Tested according to EN1348
- Tested according to EN1542

### Form

- Color: Grey
- Packaging: 20 Kg Bag

### Storage

Storage Conditions/Shelf-Life:

12 months from date of production if stored properly in original unopened, sealed and undamaged

packaging in cool and dry condition. Protect from direct sunlight. Protect from humidity.

### Technical Data

Curing Speed:

Temperature	Open Time	Curing Time
>+400C	15 minutes	08 hours
+200C	30 minutes	14 hours
+100C	60 minutes	30 hours

Water Needed:

- 3.5 - 4.0 Liters per 20 kg bag
- Minimum layer thickness 2 mm.

### Mechanical And Physical Properties

Pull Out Strength:

Open time by tensile adhesion (according to EN 1348):

Conditions:

• At 10 min	0.80 MPa
• At 20 min	0.70 MPa
• At 30 min	0.60 MPa

Pull off Stress (according to EN1542):

Conditions:

• 1 days	0.60 MPa
• 7 days	0.80 MPa
• 28 days	1.20 MPa

### Application Details

Recommended Dosage:

Material consumption is 2.5 - 3.5 kg /m<sup>2</sup> depending on desired thickness.

Substrate Preparation:

The substrate must be structurally sound and free from all traces of loose material, oil and grease. Substrate must be saturated surface dry (no standing water).

### Application Instructions

Mixing:

Place 2/3 of water quantity into the recipient bulk, add the tile adhesive powder slowly to the water

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while mixing; the usage of a mechanical mixer with low rotation speed is recommended. Add the remaining 1/3 water and mix until reaching a homogeneous mortar lumps free. Keep the paste rest for 2 to 3 min prior application. The exact water needed should be determined based on trials.

## Product Applications

Apply Pro Tile bond on the substrate using a notched trowel in order to achieve a minimum uniform thickness of 2mm. Press firmly the tile into the substrate for certain seconds to ensure good contact with the adhesive, apply Pro Tile Bond on both back of the tile and substrate.

## Cleaning And Disposal

- Clean all tools and application equipment with water immediately after use.
- Hardened/cured material can only be removed mechanically.

## Value Base

All technical data sheet stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## Health And Safety

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

## We Also Deals In

- Torch Applied Roofing Membrane
- Water Proofing Systems & Materials
- Construction Chemicals & PU Sealants
- Cold Applied Systems & Contractors
- Insulation Systems & Materials
- PVC Water Stops
- Epoxy flooring
- Geo Membrane
- Waterproofing Chemicals
- Self-Adhesive Membranes

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